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(54) Title: A CATALYST FOR GASEOUS PARTIAL OXIDATION OF PROPYLENE AND METHOD FOR PREPARING THE SAME

(57) Abstract: The present invention relates to a method for preparing a catalyst which is used in a process of producing acrolein and acrylic acid by the reaction of oxygen-containing gas and propylene. According to the present invention, a sublimable material, such as urea ( $\text{NH}_2\text{CONH}_2$ ), melamine ( $\text{C}_3\text{H}_6\text{N}_6$ ), ammonium oxalate ( $\text{C}_2\text{H}_8\text{N}_2\text{O}_4$ ), methyl oxalate ( $\text{C}_4\text{H}_6\text{O}_4$ ) or naphthalene ( $\text{C}_{10}\text{H}_8$ ), is added as a catalyst additive in the preparation of the catalyst. Using the catalyst prepared by the present invention, acrolein and acrylic can be produced at high yield.

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